METHOD AND SYSTEM FOR TRANSPARENT ENCRYPTION AND AUTHENTICATION OF FILE DATA PROTOCOLS OVER INTERNET PROTOCOL

ABSTRACT OF THE DISCLOSURE

A method processing one or more files using a security application. The method includes a method processing one or more files using a security application. The method includes connecting the client to a proxy server, which is coupled to one or more NAS servers. The method includes requesting for a file from a client to the proxy server and authenticating a requesting user of the client. The method also includes authorizing the requesting user for the file requested; requesting for the file from the one or more NAS servers after authenticating and authorizing; and requesting for the file from the one or more storage elements. The file is transferred from the one or more storage elements through the NAS server to the proxy server. The method determines header information on the file at the proxy server and identifies a policy based upon the header information at the proxy server. The method also includes processing (e.g., decompressing the file, decrypting the file, and verifying the file) the file according to the policy. The method includes transferring the processed file to the user of the client.

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